

continued from yesterday:

3)  $3x^2 - 5x - 12$

$$(3x^2 - 9x + 4x - 12)$$

$$3x(\underline{x-3}) + 4(\underline{x-3})$$

$$(x-3)(3x+4)$$

$$\begin{array}{r|l} 36 & \\ \hline 1 & 36 \\ 2 & 18 \\ 3 & 12 \\ \boxed{4} & \boxed{9} \\ 6 & 6 \end{array}$$